

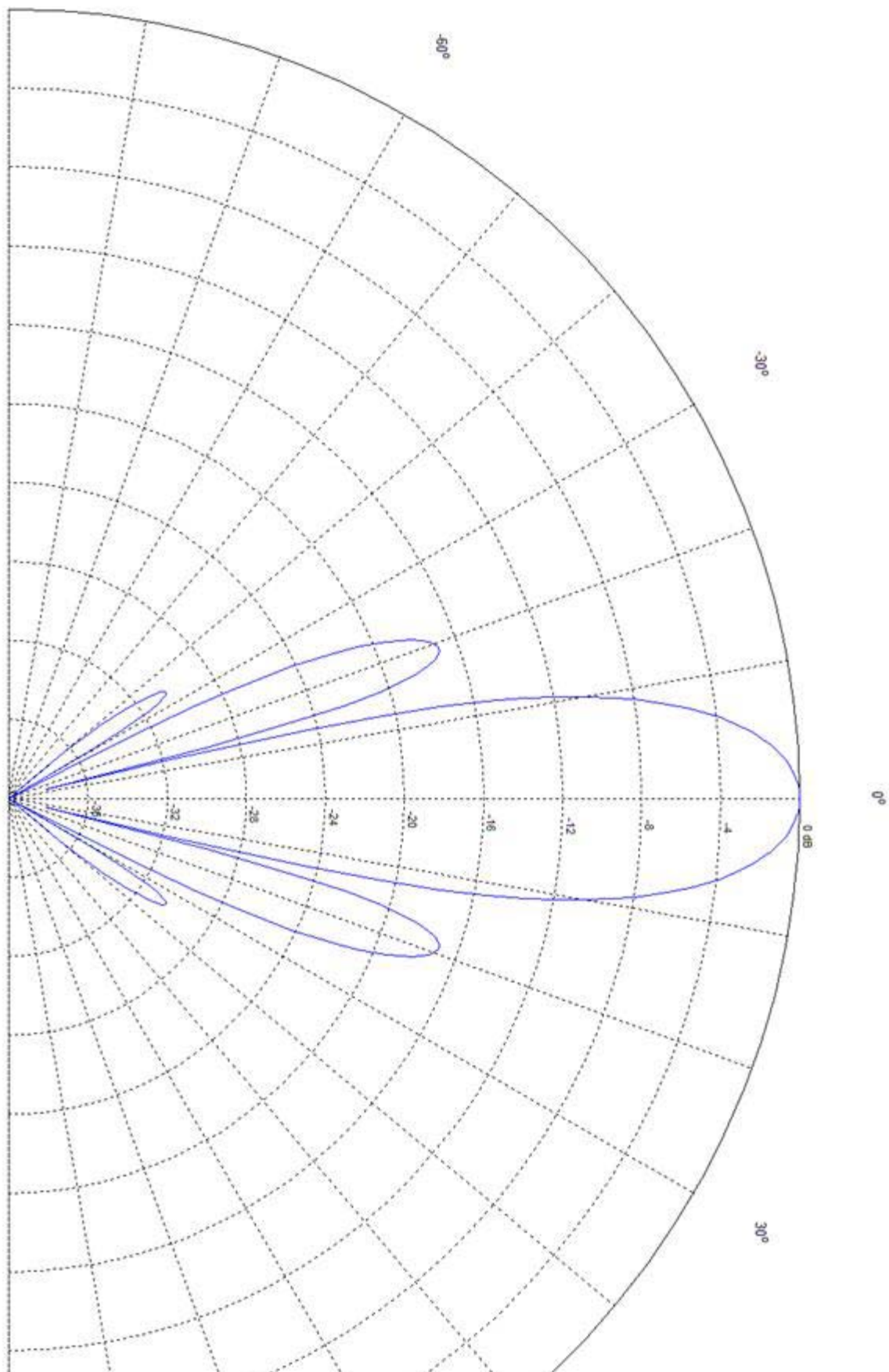
Mark Amend

From: David Hagen
Sent: Wednesday, January 04, 2017 10:06 AM
To: Behnam Ghaffari; Mark Amend
Subject: RE: FCC File No. 0275-EX-CN-2016

Hi Behnam,

For the unit with maximum 60 dBm (MBR 189) the antenna pattern is a cone with 9 degrees width in both horizontal and vertical axis. See antenna diagram:

90°



For the unit with maximum 57 dBm (MBR 179) the antenna pattern has higher elevation, about 15 degrees positive vertical for 3 dB point.

Is this helping, or shall I provide more complete diagrams?

Best regards
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From: Behnam Ghaffari [mailto:Behnam.Ghaffari@fcc.gov]
Sent: Wednesday, January 04, 2017 5:52 PM
To: Mark Amend <Mark.Amend@km.kongsberg.com>
Cc: David Hagen <david.hagen@km.kongsberg.com>
Subject: FCC File No. 0275-EX-CN-2016
Importance: High

Mr. Amend,

Could you please provide the Horizontal (or H) and Vertical (or V) antenna pattern (specially the V-pattern) to perform an off-axis gain calculation..

Regards,

Ben Ghaffari
Electronics Engineer
Experimental Licensing Branch
Office of Engineering and Technology
Federal Communications Commission